



# National Weather Service

## Storm Data and Unusual Weather Phenomena



September 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b><u>IOWA, Northeast</u></b>									
Mitchell County 3 N Stacyville	13	1312CST			0	0			Hail(0.75)
Mitchell County Stacyville	13	1323CST			0	0	1K		Hail(1.00)
Chickasaw County New Hampton	13	1405CST			0	0	2K		Thunderstorm Wind (MG52)
Chickasaw County New Hampton	13	1405CST			0	0	3K	4K	Thunderstorm Wind (MG56)
Winneshiek County Decorah	13	1426CST			0	0	5.5K	3K	Thunderstorm Wind (EG56)
Spotters, law enforcement officials and the public reported wind gusts of 60 to 65 mph, along with hail the size of pennies and quarters. Hardest hit was the town of New Hampton (Chickasaw County), where numerous trees and power lines were knocked down.									
Chickasaw County 2 W Bassett	19	0050CST			0	0	4K	10K	Hail(1.00)
Floyd County 5 E Charles City	19	0050CST			0	0	7.5K	10K	Hail(1.00)
Fayette County Elgin	19	0235CST			0	0	35K	8K	Hail(1.75)
An early morning hail storm produced hail the size of quarters and golf balls, as reported by the public. In fact, a car dealership in Elgin (Fayette County) reported that 50 vehicles sustained damage due to the large hail									
<b><u>MINNESOTA, Southeast</u></b>									
Dodge County West Concord	03	1705CST			0	0	2K		Thunderstorm Wind (EG56)
Dodge County Dodge Center	03	1717CST			0	0	1K		Thunderstorm Wind (EG52)
Fillmore County Spring Vly	03	1814CST			0	0	2K		Thunderstorm Wind (EG56)
Spotters reported wind gusts of 60 to 65 mph, which downed trees and power lines.									
Fillmore County 1 W Peterson	13	1350CST			0	0		1K	Hail(0.88)
Fillmore County 3 N Peterson	13	1356CST			0	0		2.5K	Hail(1.00)
Houston County Caledonia	13	1439CST			0	0	1.5K		Thunderstorm Wind (EG56)
The public and law enforcement officials reported penny to quarter size hail, as well as wind gusts to near 65 mph									
Houston County Countywide	13	1430CST 1700CST			0	0	5K	8K	Flash Flood
Rainfall amounts of 2 to 4 inches in one to two hours caused flash flooding. Due to the heavy rain, mudslides occurred along Highway 16 near La Crescent. Law enforcement officials also reported water was one to two feet deep in some of the streets in Caledonia, La Crescent and Spring Grove.									



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<b><u>WISCONSIN, Southwest</u></b>									
<b>Jackson County</b>									
Alma Center	07	1110CST			0	0	0.50K		Hail(0.88)
<b>Adams County</b>									
2 NE Big Flats	07	1159CST			0	0	1K		Hail(1.00)
<b>Monroe County</b>									
3 ESE Oakdale	07	1236CST			0	0			Hail(0.75)
<b>Juneau County</b>									
(Vok)Volk Aaf Camp D	07	1239CST			0	0			Hail(0.75)
<b>Adams County</b>									
Arkdale	07	1306CST			0	0	0.75K		Thunderstorm Wind (EG56)
Hail the size of pennies and quarters, along with an isolated wind gust estimated near 65 mph, was reported by spotters and the public.									
<b>La Crosse County</b>									
5 N Holmen	12	1357CST			0	0	0.75K		Thunderstorm Wind (EG52)
<b>Monroe County</b>									
4 N Sparta	12	1435CST			0	0	0.75K		Thunderstorm Wind (EG56)
Storm spotters and the public estimated wind gusts of 60 to 65 mph, which knocked down trees.									
<b>La Crosse County</b>									
La Crosse	13	1405CST			0	0	0.50K		Lightning
Lightning struck the La Crosse National Weather Service (La Crosse County) during a severe weather event. No one was injured, but some communication equipment was damaged.									
<b>La Crosse County</b>									
3 N Holmen to 3 SW Stevenstown	13	1417CST 1422CST	2	65	0	0	10K		Tornado (F1)
<b>La Crosse County</b>									
New Amsterdam	13	1420CST			0	0	1.5K		Thunderstorm Wind (EG56)
<b>Vernon County</b>									
Genoa	13	1458CST			0	0	2.5K		Thunderstorm Wind (EG61)
<b>Vernon County</b>									
Chaseburg	13	1507CST			0	0	3K	5K	Thunderstorm Wind (EG61)
<b>Juneau County</b>									
2 S Mauston	13	1525CST			0	0	1K		Thunderstorm Wind (EG52)
<b>Monroe County</b>									
Countywide	13	1531CST			0	0	5K	5K	Thunderstorm Wind (EG56)
<b>Monroe County</b>									
3 SE Wilton	13	1535CST			0	0	8K	4K	Thunderstorm Wind (EG61)
<b>Monroe County</b>									
Wilton	13	1537CST			0	0	2K	4K	Thunderstorm Wind (EG50)
<b>Juneau County</b>									
2 N Necedah	13	1546CST			0	0	1K		Thunderstorm Wind (EG56)
<b>Adams County</b>									
3 NE Arkdale	13	1610CST			0	0	1.5K		Thunderstorm Wind (EG56)

A tornado touched down near County Highway V between Holmen and Stevenstown (La Crosse County), knocking down several trees along Flatten and Mahlum Road. In fact, trees fell just ahead of and behind a school bus, which was stopped on Flatten Road. Other damage included a small boat being overturned and a fallen tree damaging a home on Mahlum Road. Elsewhere, thunderstorm winds estimated at 60 to 70 mph blew down trees and power lines. A barn was also blown down near Wilton (Monroe County).



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### WISCONSIN, Southwest

#### La Crosse County

Countywide	13	1440CST 1700CST			0	0	4K	3K	Flash Flood
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#### Trempealeau County

South Portion	13	1530CST 1700CST			0	0	2.5K	3K	Flash Flood
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Rainfall amounts of 2 to 4 inches in one to two hours triggered flash flooding. Due to the heavy rain, water covered streets to a depth of two to three feet in La Crosse, Onalaska and West Salem (La Crosse County). In fact, amateur radio operators reported numerous stalled cars in Onalaska, some of which were even floating.